

UMTS 10

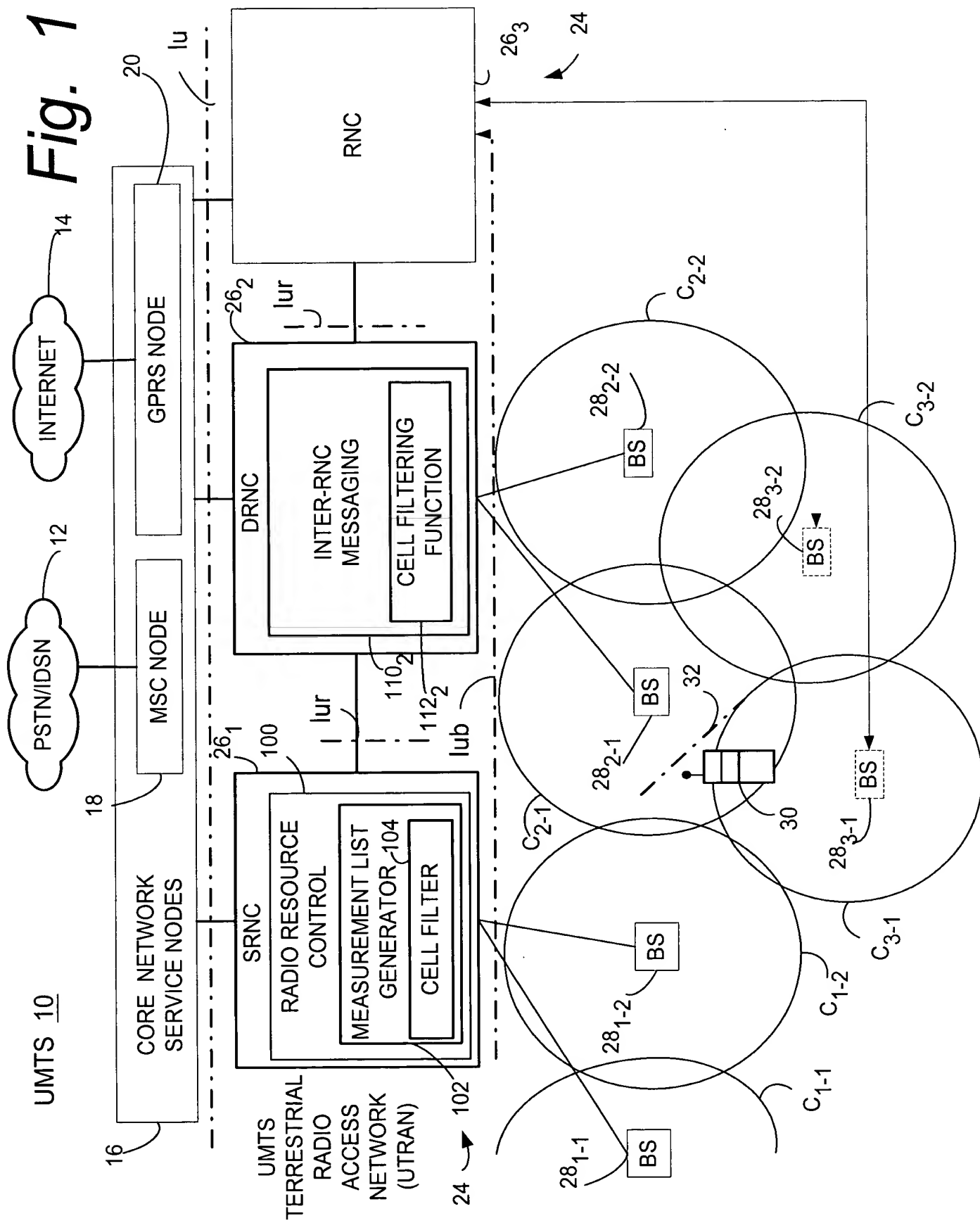
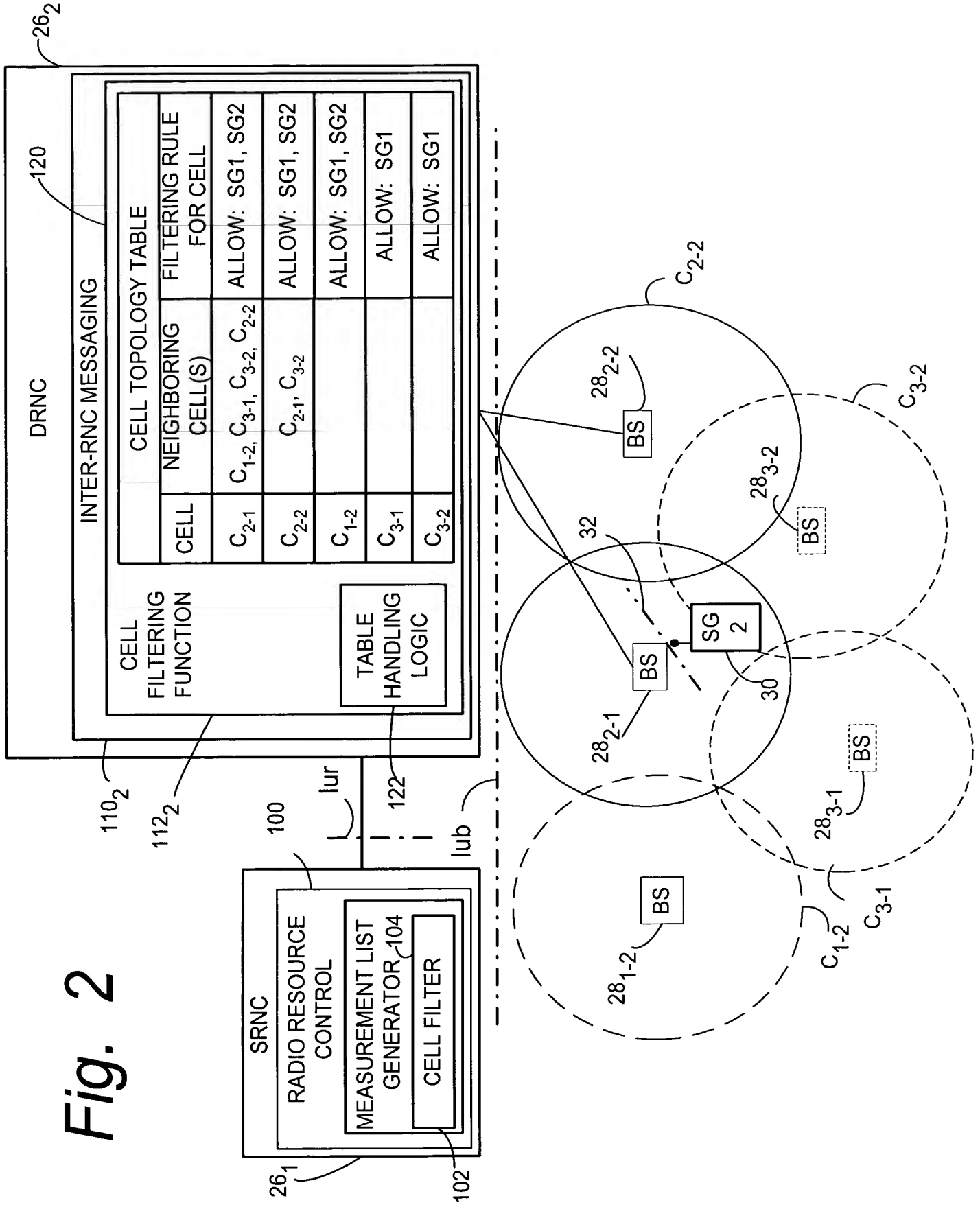


Fig. 2







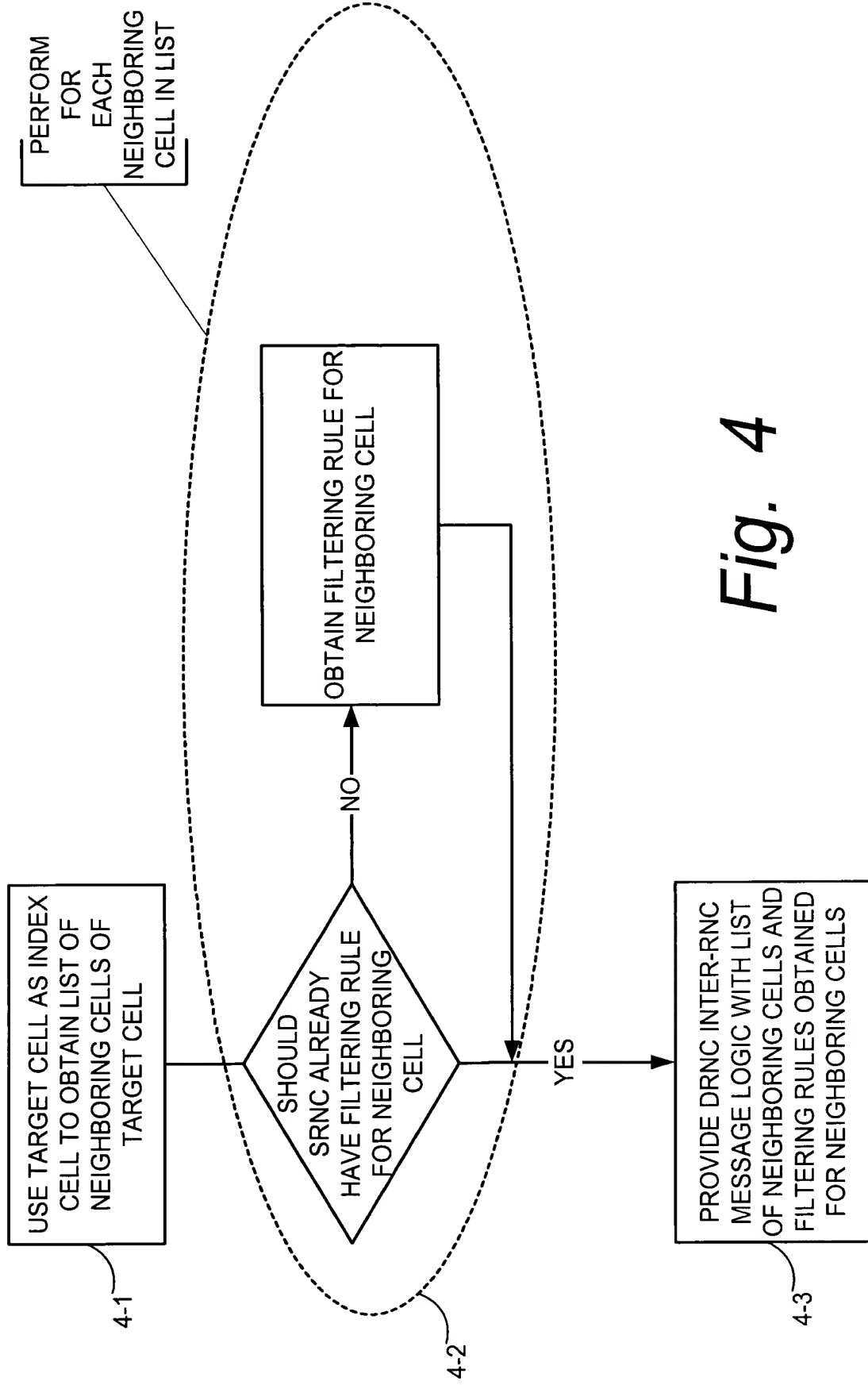


Fig. 4

120A(2)

CELL TOPOLOGY TABLE		
CELL	NEIGHBORING CELL(S)	FILTERING RULE FOR CELL: ALLOWED IMSI OR PLMNid
C ₂₋₁	C ₁₋₂ , C ₃₋₁ , C ₃₋₂ , C ₂₋₂	IMSI->OP1, OP2
C ₂₋₂	C ₂₋₁ , C ₃₋₂	IMSI->OP1, OP2
C ₁₋₂		IMSI->OP1, OP2
C ₃₋₁		IMSI->OP1
C ₃₋₂		IMSI->OP1

Fig. 5A(2)

120B(2)

CELL TOPOLOGY TABLE		
CELL	NEIGHBORING CELL(S)	FILTERING RULE FOR CELL: DISALLOWED IMSI OR PLMNid
C ₂₋₁	C ₁₋₂ , C ₃₋₁ , C ₃₋₂ , C ₂₋₂	IMSI->...
C ₂₋₂	C ₂₋₁ , C ₃₋₂	IMSI->...
C ₁₋₂		IMSI->...
C ₃₋₁		IMSI->OP2
C ₃₋₂		IMSI->OP2

Fig. 5B(2)

120C(2)

CELL TOPOLOGY TABLE				
CELL	NEIGHBORING CELL(S)	FILTERING RULE FOR CELL: ALLOWED IMSI OR PLMNid		
C ₂₋₁	C ₁₋₂ , C ₃₋₁ , C ₃₋₂ , C ₂₋₂	BITMAP:	OP1	OP2
C ₂₋₂	C ₂₋₁ , C ₃₋₂	BITMAP:	OP1	OP2
C ₁₋₂		BITMAP:	OP1	OP2
C ₃₋₁		BITMAP:	OP1	OP2
C ₃₋₂		BITMAP:	OP1	OP2

Fig. 5C(2)

120D(2)

CELL TOPOLOGY TABLE				
CELL	NEIGHBORING CELL(S)	FILTERING RULE FOR CELL: DISALLOWED IMSI OR PLMNid		
C ₂₋₁	C ₁₋₂ , C ₃₋₁ , C ₃₋₂ , C ₂₋₂	BITMAP:	OP1	OP2
C ₂₋₂	C ₂₋₁ , C ₃₋₂	BITMAP:	OP1	OP2
C ₁₋₂		BITMAP:	OP1	OP2
C ₃₋₁		BITMAP:	OP1	OP2
C ₃₋₂		BITMAP:	OP1	OP2

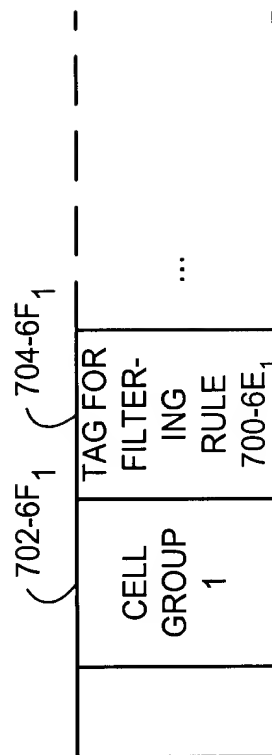
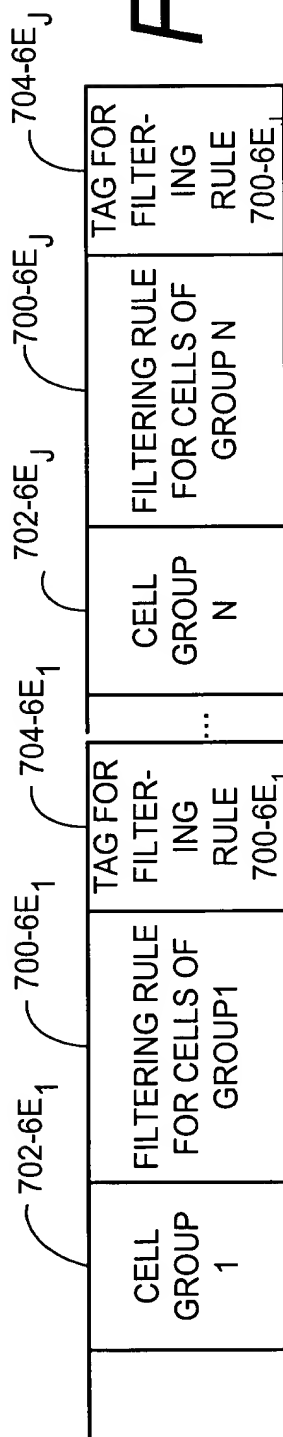
Fig. 5D(2)

302-6A ₁	NEIGHBORING CELL 1	300-6A ₁	...	302-6A _J	300-6A _J
	FILTERING RULE FOR NEIGHBORING CELL 1				
	NEIGHBORING CELL J				
	FILTERING RULE FOR NEIGHBORING CELL J				

HEADER	NUMBER OF GROUPS	LIST OF GROUP 1 CELLS	FILTERING RULE FOR GROUP 1	...	LIST OF GROUP N CELLS	FILTERING RULE FOR GROUP N
302-6B ₁		300-6B ₁		302-6B _N		

NEIGHBORING CELL 1 FOR UE 30,	FILTERING RULE FOR NEIGHBORING CELL 1	TAG FOR FILTERING RULE 700-6C ₁	...	NEIGHBORING CELL J FOR UE 30,	FILTERING RULE FOR NEIGHBORING CELL J	TAG FOR FILTERING RULE 700-6C _J
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	NEIGHBORING CELL 1	TAG FOR FILTERING RULE 700-6C ₁	...	NEIGHBORING CELL K	FILTERING RULE FOR NEIGHBORING CELL K
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FIG. 7 is a block diagram of a system for radio resource control in a network. The system includes a User Equipment (UE) 100, a Radio Resource Control (RNC) 261, and a Distributed Radio Network Controller (DRNC) 262. The UE 100 includes a Radio Resource Control (RNC) 261, a Measurement List Generator 102, and a Cell Filter 104. The RNC 261 includes a Filtering Rule-Bearing Message for UE 30₁ and a Filtering Rule-Bearing Message for UE 30₂. The DRNC 262 includes an Inter-RNC Messaging block 110₂ and a Cell Topology Table 120. The Inter-RNC Messaging block 110₂ includes a Cell Filtering Function 112₂ and a Table Handling Logic 122. The Cell Topology Table 120 includes a Filtering Rule-Bearing Message for UE 30₂. The system also includes a Base Station (BS) 282-1 and a Base Station (BS) 282-2. The BS 282-1 is connected to the UE 100 and the RNC 261. The BS 282-2 is connected to the RNC 261 and the DRNC 262. The system is divided into three regions: C₂-1, C₂-2, and C₃-1. The regions C₂-1 and C₂-2 are separated by a dashed line labeled lub. The regions C₂-2 and C₃-1 are separated by a dashed line labeled lur.

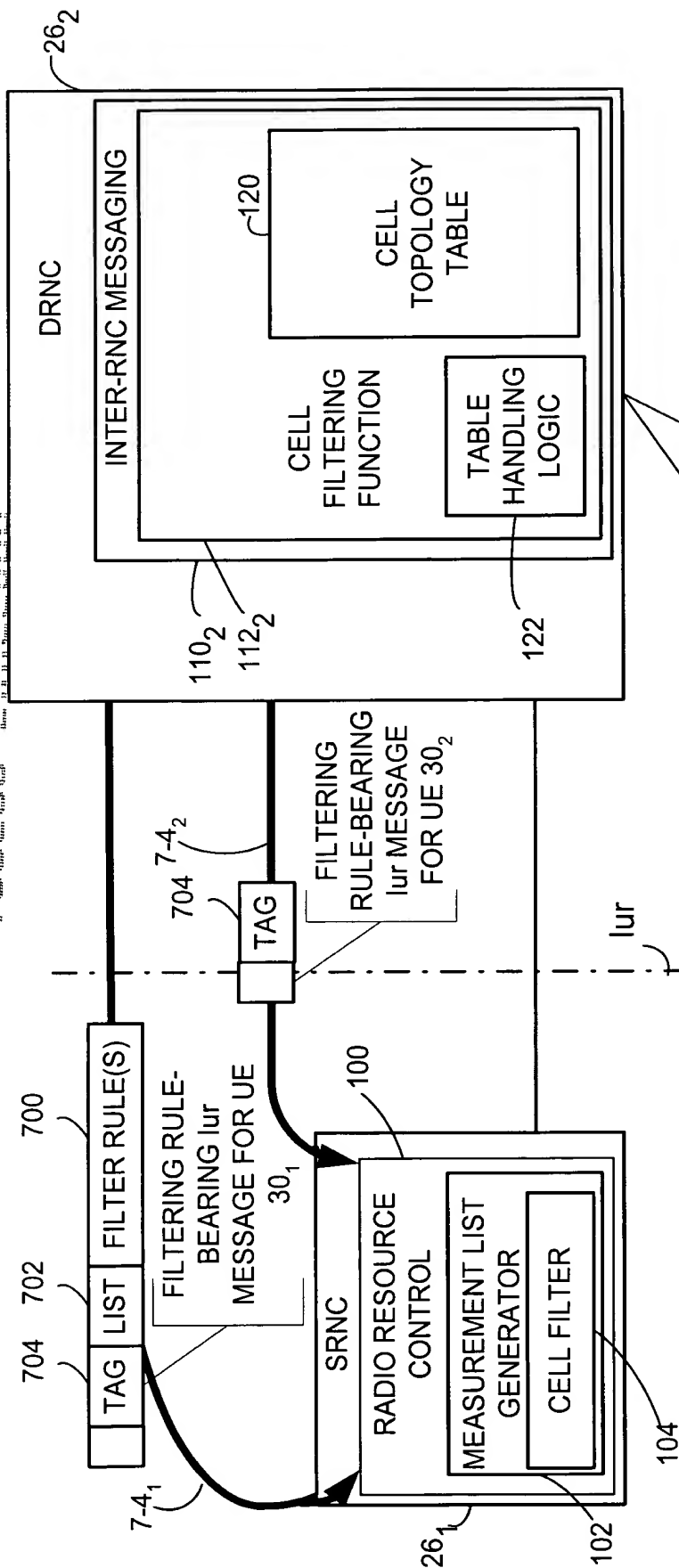


Fig. 7



Fig. 8



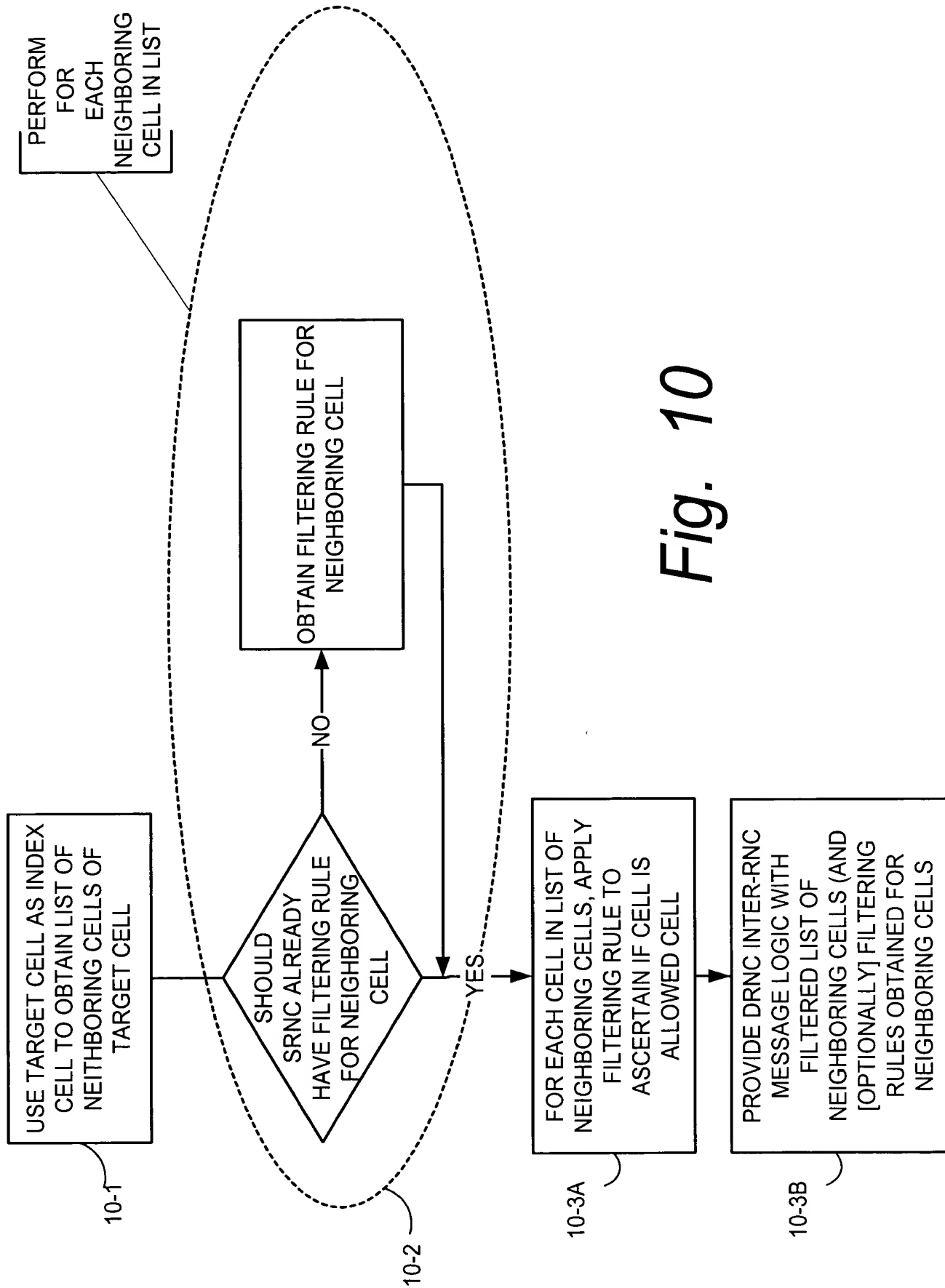


Fig. 10





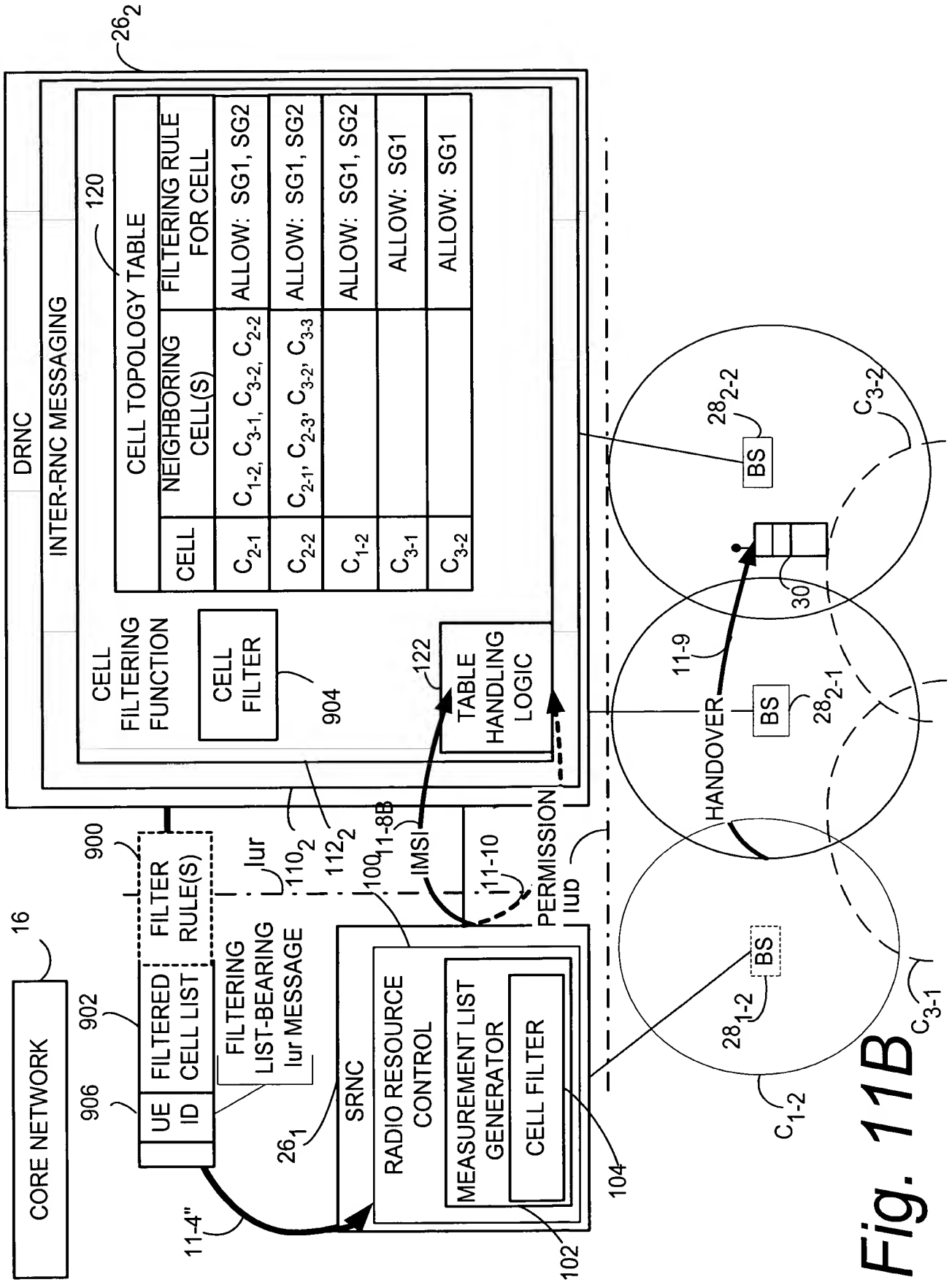


Fig. 11B



Fig. 12

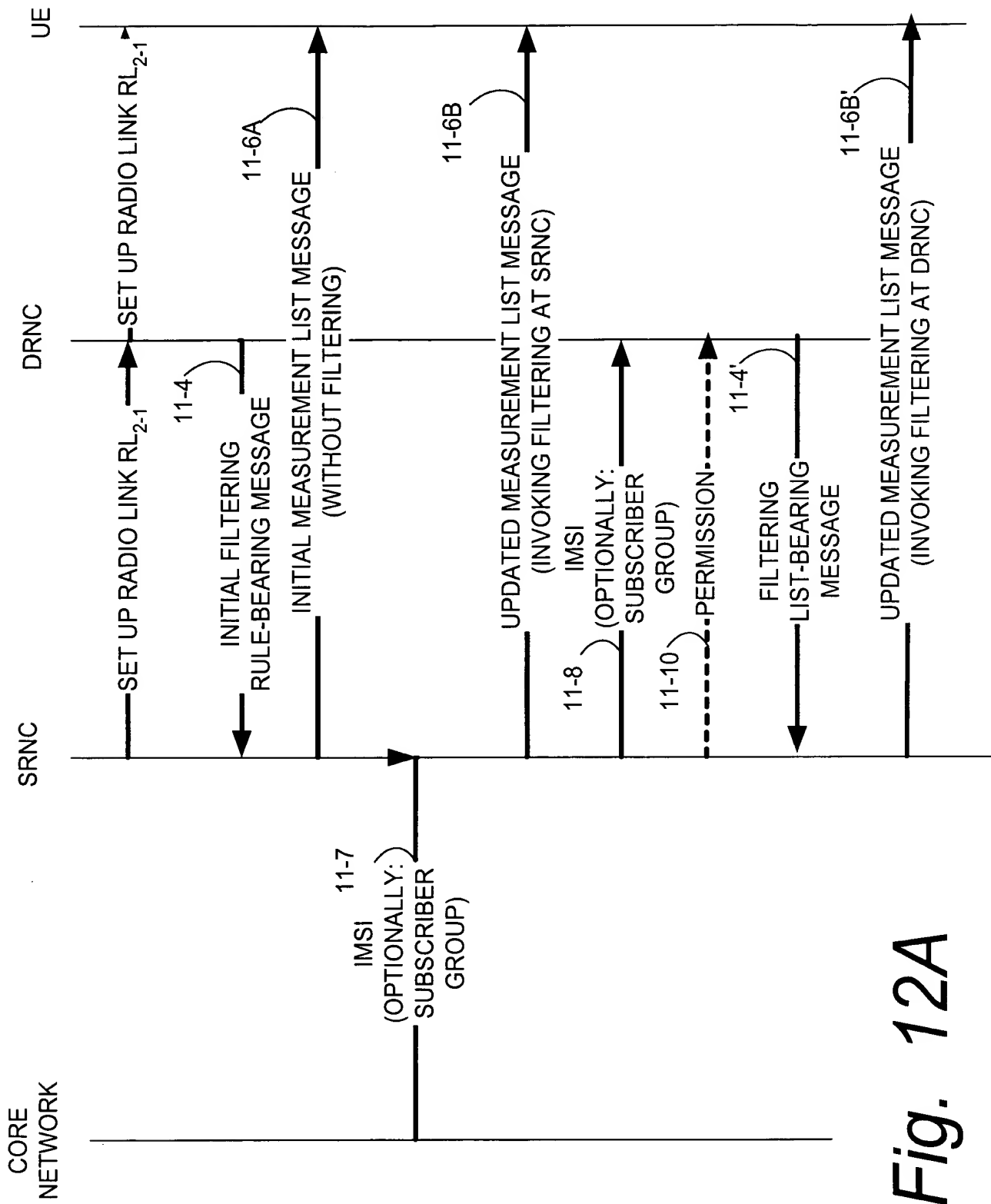


Fig. 12A

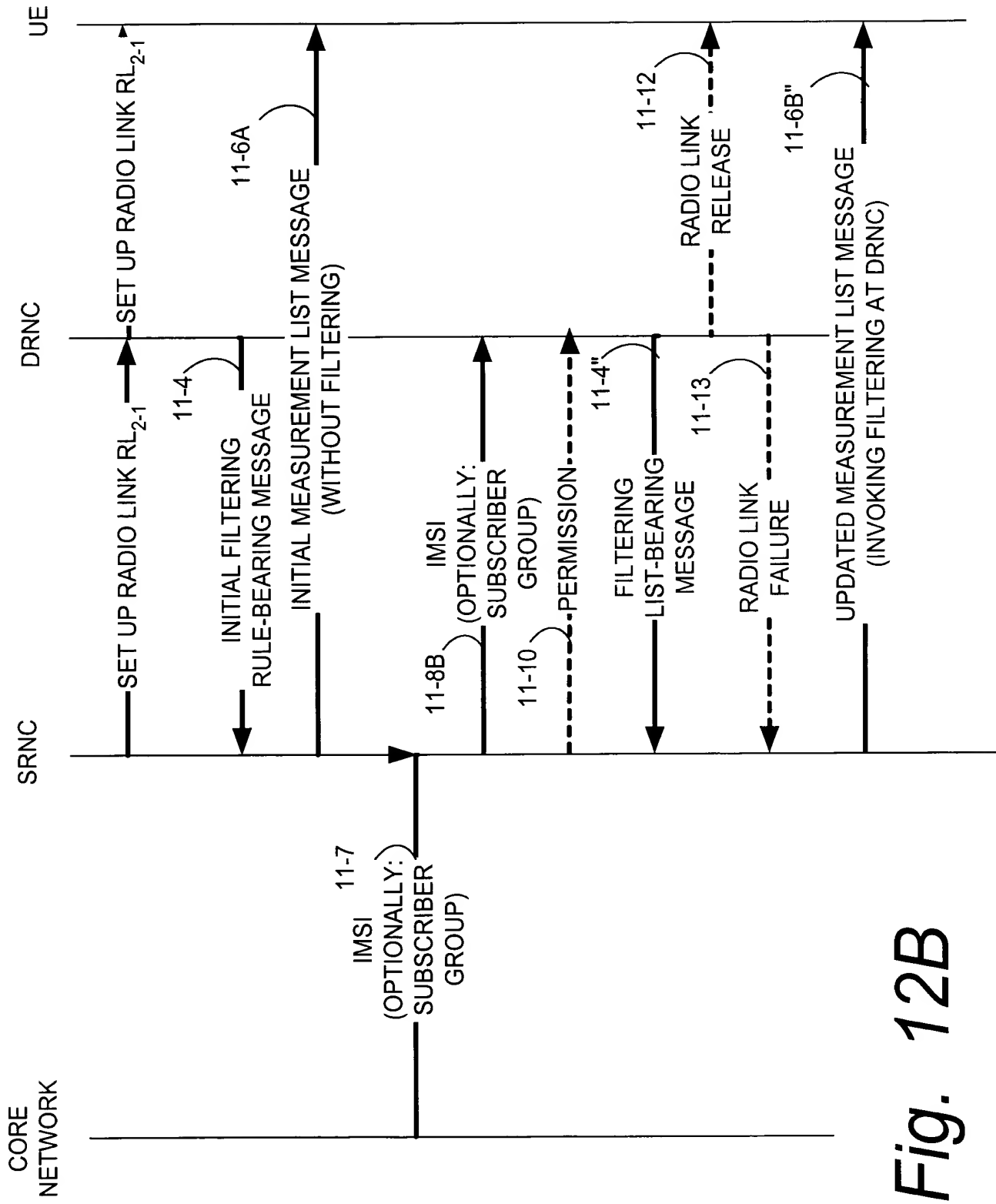


Fig. 12B

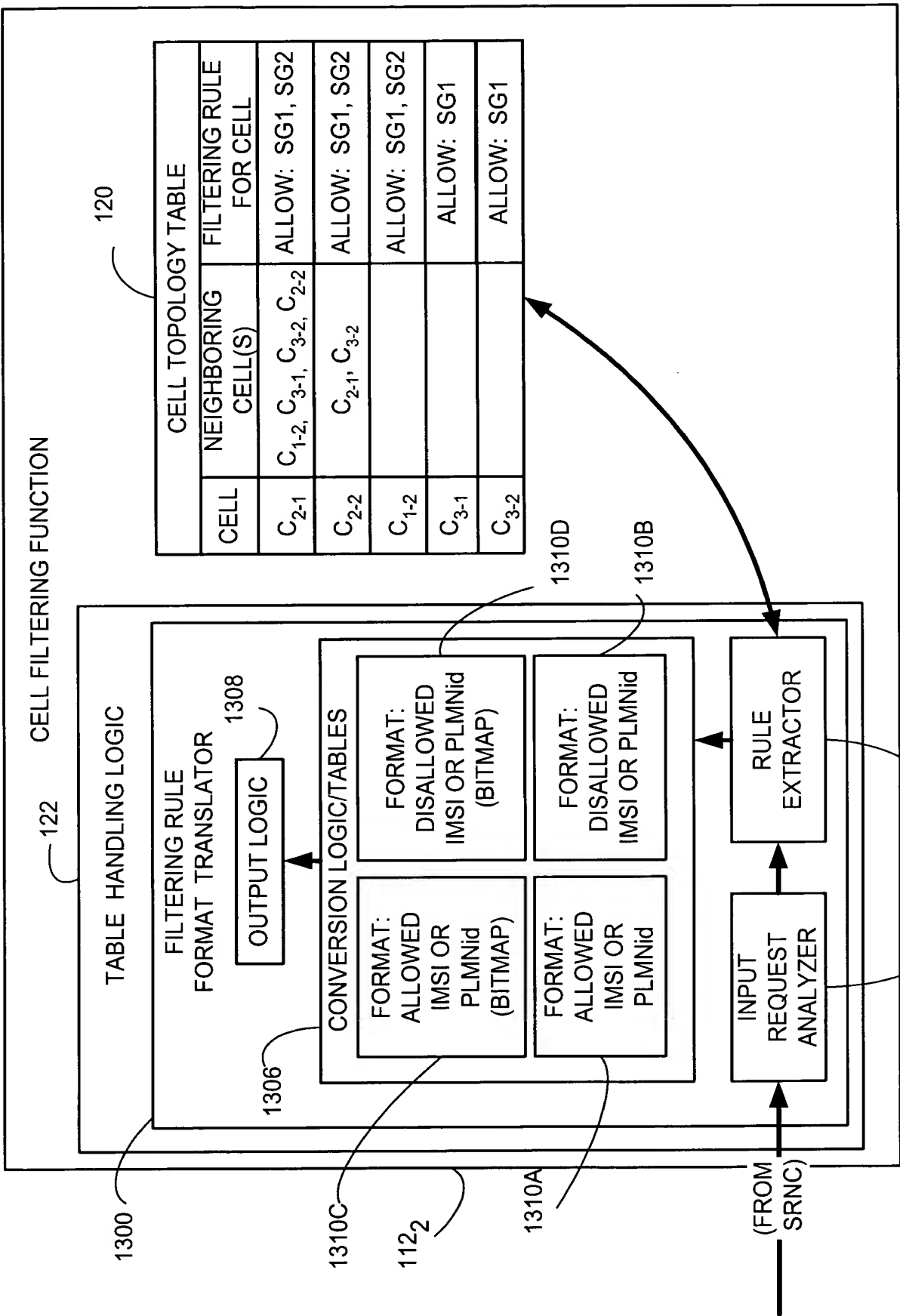


Fig. 13